

CLAIMS

1. An antibody, or fragment thereof, capable of binding specifically to one or more human dietary enzymes, said antibody or fragment thereof comprising a heavy chain variable domain derived from an immunoglobulin naturally devoid of light chains, or a functional equivalent thereof.
2. An antibody, or fragment thereof, in accordance to claim 1, capable of binding specifically to one or more human lipases.
3. An antibody, or fragment thereof, in accordance to claim 2, capable of binding specifically to Human pancreatic lipase
4. An antibody, or fragment thereof, in accordance to claim 3, comprising 3 CDR regions, whereby CDR3 has one of the following sequences: DVRPYRTSRYLEX₃, QVRVRFSSDYTNY, LIRRKFTSEYNEY, LITRWDKSVNDY, RRSNYDRSWG DY, LISSYDGSWNDY, HITPAGSSNYVYGY or DIRKRFTSGYSHY, wherein X₃ is V or L or I.
5. An antibody, or fragment thereof, in accordance to claim 3 having one of the sequences HPL#11, HPL#12, HPL#13, HPL#14, HPL#15, HPL#18, HPL#19, HPL#22 or HPL#30.
6. An antibody, or fragment thereof, in accordance to claim 2, capable of binding specifically to Human gastric

lipase.

7. An antibody, or fragment thereof, in accordance to claim 6, comprising 3 CDR regions, whereby CDR3 has one of the following sequences: ARSLX₁X₂TPTSVDY, RGGLTQYSEHDY, TGAEGHY, TDMGRYGTSEW; wherein X₁ is V or E and X₂ is Q or L.
8. An antibody, or fragment thereof, in accordance to claim 7 having one of the sequences HGL#1, HGL#4, HGL#8, HGL#9, HGL#10, HGL#11, HGL#15 or HGL#16.
9. Food product comprising an antibody or fragment thereof in accordance to one or more of the claims 1-8.
10. Pharmaceutical product comprising an antibody or fragment thereof in accordance to one or more of the claims 1-8
11. Use of an antibody or fragment thereof according to claim 1-8 in the preparation of a medicament or food for inhibiting the activity of one or more human dietary enzymes in the human body.
12. Use of a food product in accordance to claim 9 for the cosmetic control of body weight of human beings.